Thinking in C++ in Object-Oriented Programming With C++

This is an introduction to the complex world of OOP. It helps you understand the principles and acquire the practical skills of programming using the C++ programming language. Our aim is for you to gain sufficient knowledge and experience to perform simple-useful programming tasks using the basics up-to-date techniques and so we hope for you to be the best book from which you can learn the basics of real-world programming. We have written the book as if you were to write programs for the use of others, hence, providing a decent level of system quality to achieve a level of professionalism becomes necessary. Consequently, the topics here dealt with is what one shall need in order to get started with real-world programming, and not just what is easy to teach and learn. Rest assured, there shall not be any waste of one’s time with material of marginal practical importance. If an idea is explained here, chances are, it because one is likely to come in need of it. This book emphatically focuses on the syntax of C++. Understanding the fundamental ideas, principles, and techniques is the essence of a good programmer. Only a well-designed code stands any chance of becoming part of a correct, reliable, and maintainable system. Through this book, we hope that you will see the absolute necessity of understanding OOP with C++.

Focus on Object-Oriented Programming With C++

Especially designed to teach object-oriented programming using the C++ language to those with no previous experience of programming. Throughout the text many straightforward examples are used to introduce and illustrate new techniques and language features. Each chapter starts with learning objectives and concludes with a number of exercises. Solutions for all exercises are given in an appendix.

Object-Oriented Programming With C++

A practical development activity is becoming more and more complex and tedious day-by-day as the customers’ requirements are ever changing. To address their needs, the IT industry is focusing on newer ways of doing things and providing both cost and time advantage to the customers. Therefore, all of you who wish to be in the IT industry or service the IT customers need to think innovatively and be ready to accept the changes. If you have done C, now it is time to move on to C++. C++ is a super set of C language. It provides the programmers the flavor of Object Orientation. With its object-oriented programming features like encapsulation, inheritance, and polymorphism, C++ offers a number of benefits over the C language. The book titled "Object-Oriented Programming With C++" is exclusively designed as per the syllabus of III semester B.E. Computer Science & Engineering and Information Science Engineering course framed by the Vellore Institute of Technology University, Bengaluru. This book is to teach the students object-oriented programming concepts and C++. This book is written in a simple and easily understandable style. The information provided in the book is also helpful for B.E., B.Sc., BCA, MCA, and M.Tech students of all universities. This book contains 14 chapters, each chapter begins with a well-defined set of objectives, down-casts the various concepts with the sufficient number of example Programs, summaries and ends with exercises and multiple choice questions.

The book provides more than 130 C++ programs which are executed on Windows with Turbo C++ compiler and Microsoft Visual C++ 2008 Express Edition. All C++-style programs are run on Turbo C++ IDE and the new-style C++ programs are executed on Microsoft Visual C++ 2008 Express Edition. It is important that you will use the right compiler and understand the working of each program. I am more than happy to receive your suggestions and comments for further improvement of the book.

OBJECT ORIENTED PROGRAMMING WITH C++ WITH EIGHTH EDITION

This step-by-step tutorial teaches you all language features and explains its practical usage. It follows the object-oriented programming model, and not just what is easy to teach and learn. Rest assured, there shall not be any waste of one’s time with material of marginal practical importance. If an idea is explained here, chances are, it because one is likely to come in need of it. This book emphatically focuses on the syntax of C++. Understanding the fundamental ideas, principles, and techniques is the essence of a good programmer. Only a well-designed code stands any chance of becoming part of a correct, reliable, and maintainable system. Through this book, we hope that you will see the absolute necessity of understanding OOP with C++.

C++ and Object-oriented Programming

Offering students a tutorial on the basics of the language in difference between C++ and C, the object model, design methods, and C++ programming, this text includes utility classes and case studies, which illustrate object-oriented programming, with all source code included on a disk in the book. The book illustrates concepts behind object-oriented design, giving a broad introduction of the C++ language to give students a deeper knowledge of the benefits of object-oriented programming. An extensive class library developed in the text examples, which is also available via FTP, allows instructors to add new classes, exercise, and add new student assignments. Allowing to the most current draft of the C++ standard it refines a review of function parameters, pointers, and dynamic memory allocation to help students transfer knowledge of C programming to the C++ language and prepare them for C++ enhancements.

Data Abstraction and Object-Oriented Programming in C++

Object-Oriented Programming With C++

OBJECT ORIENTED PROGRAMMING WITH C++

Using object-oriented terminology from the start, Object-Oriented Programming Using C++ introduces readers to both the syntax of the C++ language and object-oriented programming principles. It begins with an overview of the C++ language and then builds upon this knowledge to teach increasingly complex concepts, such as inheritance, templates, handling exceptions, and advanced input and output. A neat of providing readers with the most current programming knowledge, this edition has been updated to reflect the latest software, Visual C++ in 2008.
An Introduction to Object-oriented Programming and C++

The trend in programming design is moving towards an object-oriented approach. This is due to many influences in the evolution of software and hardware. As many systems become graphically interfaced and the demand for “easier-to-use” software...

Object-Oriented Programming With C++

Detailed study of the C++ programming language and its support for data abstraction, abstract data types and object-oriented programming. Presents an introduction to the fundamental elements of object-oriented programming including objects, classes, encapsulation, constructors and destructors, function and operator overloading, references, assignment and initialization, container relationships, inheritance, polymorphism, and templates.

Object-Oriented Programming in C++

Object-Oriented Programming in C++ begins with the basic principles of the C++ programming language and systematically introduces increasingly advanced topics while illustrating the OOP methodology. While the structure of this book is similar to that of the previous edition, each chapter reflects the latest ANSI C++ standard and the examples have been thoroughly revised to reflect current practices and standards. Educational Supplement Suggested solutions to the programming projects found at the end of each chapter are made available to instructors at recognized educational institutions.

Introduction to Object-oriented Programming With C++

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Focus on Object-Oriented Programming with C++

In today’s times, object-oriented programming has become a fundamental approach in software development. This book provides a comprehensive guide to mastering the C++ language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

Object-Oriented Programming With C++

This book is designed to help students understand the concepts of object-oriented programming and develop the skills necessary to write efficient, maintainable, and reusable code. It is suitable for both undergraduate and graduate students, as well as experienced professionals who want to improve their programming skills.

Software -- Programming Languages.

Focus on Object-Oriented Programming with C++

This book provides a thorough introduction to object-oriented programming with C++. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

Object-Oriented Programming Using C++

This book provides a comprehensive guide to mastering the C++ language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

Object-Oriented Programming With C++

Object-Oriented Programming With C++ is a comprehensive, entertaining guide to learning the techniques of object-oriented programming. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

Focus on Object-Oriented Programming in C++

This book provides a thorough introduction to object-oriented programming with C++. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

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Object-Oriented Programming And C++

This book provides a comprehensive guide to mastering the C++ language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

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Beginning C# Object-Oriented Programming

This book provides a comprehensive guide to mastering the C# language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C#, including the Standard Template Library (STL) and the new features introduced in C#11 and C#14.

An Introduction to Object-Oriented Programming in C++

This book provides a comprehensive guide to mastering the C++ language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.

Object-Oriented Programming And C++

This book provides a comprehensive guide to mastering the C++ language and its object-oriented features. It covers the syntax, semantics, and performance aspects of C++, including the Standard Template Library (STL) and the new features introduced in C++11 and C++14.
design; and includes one floppy disk, containing source code for all of the programming examples in the book.

**Object-Oriented Programming with C++**

The C++ Programming Language is one of the popular programming language that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects using object-oriented technology. To fulfill the requirement of these companies, all universities/institutions offering various courses in programming with C++ in their curriculum. This book is designed as a text book for the students taking these courses. Throughout this book the level of presentation is kept simple and illustrative so that even and average reader can grasp the subject matter with quite ease. Practically this book will provide you everything you need on object-oriented programming with C++.

**Object-oriented Programming in Microsoft C++**

This book introduces the art of programming in C++. The topics covered range from simple C++ programmes to programme features such as classes, templates, and namespaces. Emphasis is placed on developing a good programming technique and demonstrating when and how to use the advanced features of C++. This revised and extended second edition includes the Standard Template Library (STL), a major addition to the ANSI C++ standard. Full coverage of all the major topics of C++, such as templates, and practical tools developed for object-oriented computer graphics programming. A C++ code program files and exercises are ANSI C++ compatible and have been compiled on both Borland C++ v5.5 and GNU/Linux g++ v2.91 compilers. They are available from the author's web-site.

**Object Oriented Programming With C++**

The Waite Group's Object-oriented Programming in C++

Software -- Programming Languages.

**Object-Oriented Programming Using C++**

This book introduces the art of programming in C++. The topics covered range from simple C++ programmes to programme features such as classes, templates, and namespaces. Emphasis is placed on developing a good programming technique and demonstrating when and how to use the advanced features of C++. This revised and extended second edition includes the Standard Template Library (STL), a major addition to the ANSI C++ standard. Full coverage of all the major topics of C++, such as templates, and practical tools developed for object-oriented computer graphics programming. A C++ code program files and exercises are ANSI C++ compatible and have been compiled on both Borland C++ v5.5 and GNU/Linux g++ v2.91 compilers. They are available from the author's web-site.

**Object Oriented Programming With C#**

The ideal beginner's guide to C# and object-oriented programming. Wrox beginners' guides have the perfect formula for getting programming newcomers up and running. This one introduces beginners to object-oriented programming using C# to demonstrate all of the core constructs of this programming framework. Using real-world situations, you'll discover how to create, test, and deliver your programs and how to work with classes, arrays, collections, and all the elements of object-oriented programming. Covers exactly what beginners, even those with no prior programming experience, need to know to understand object-oriented programming and start writing programs in C#. Explains the advantages and disadvantages of C# and tips for understanding C#-specific .NET properties, encapsulation, and classes. Value data types, operands and operators, errors and debugging, and reference types. Shows how to use statement repetition and program loops, understand arrays and collections, and write your own classes. Also covers inheritance and polymorphism beginning Object-Oriented Programming with C# uses the tried-and-true Wrox formula for making this popular programming method easy to learn.

**Object-Oriented Programming Using C#**

Beginning C# Object-Oriented Programming brings you into the modern world of development as you master the fundamentals of programming with C# and learn to develop efficient, reusable, elegant code through the object-oriented programming (OOP) methodology. Take your skills out of the 20th century and into this one with Dan Clark's accessible, quick-paced guide to C# and object-oriented programming, completely updated for .NET 4.0 and C# 4.0. As you develop techniques and best practices for coding in C#, one of the world's most popular contemporary languages, you'll experience modeling a real-world application through a case study, allowing you to see how both C# and OOP methodology you can use with any number of languages come together to make your code reusable, modern, and efficient. With more than 30 fully hands-on activities, you'll discover how to transform a simple model of an application into a fully-functional C# project, including designing the user interface, implementing the business logic, and integrating with a relational database for data storage. Along the way, you'll explore the .NET Framework, the creation of a Windows-based user interface, a web-based user interface, and service-oriented programming, all using Microsoft's industry-leading Visual Studio 2010, C#, Silverlight, the Entity Framework, and more.